



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Soljacic et al.

GROUP: Unknown

SERIAL NO: 10/630,455

EXAMINER: Unknown

FILED: 07/30/2003

FOR: USING OPTICAL SOLITONS TO INCREASE FIGURE-OF-MERIT OF  
LASER BEAM DEFLECTION DEVICESMail Stop DD  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the documents listed on the attached Form PTO-1449.

The listed documents were recently cited in a corresponding PCT application, and a copy of the International Search Report is being submitted herewith for purposes of convenience.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that is required.

Respectfully submitted,

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Mail Stop DD, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Emily C. Porell03/22/2004  
Date

FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP  
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ATTORNEY DOCKET NO.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

**U.S. PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE       | NAME                 | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|------------|----------------------|-------|----------|-------------------------------|
|                     | AA | 5,469,525          | 11/21/1995 | Luther-Davies et al. |       |          | 12/07/1994                    |
|                     | AB |                    |            |                      |       |          |                               |
|                     | AC |                    |            |                      |       |          |                               |
|                     | AD |                    |            |                      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|---------------------|----|--------------------|------------|---------|-------|----------|-----------------------|
|                     | AE | 60121423           | 06/28/1985 | JP      |       |          | YES(Abstract Only)    |
|                     | AF | 56098079           | 08/07/1981 | JP      |       |          | YES(Abstract Only)    |
|                     | AG |                    |            |         |       |          |                       |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

| EXAMINER<br>INITIAL |    |  |
|---------------------|----|--|
|                     | AH | "Dynamic Elrelectronically controlled angle steering of spatial solitons in AlGaAs slab waveguides," Friedrich et al. <i>Optics Letters</i> . Sept. 1998. Col. 23, No. 18.                     |
|                     | AI | "Diffractionless Propagation in Low Loss LiNbO <sub>3</sub> Channel Waveguide Arrays," Iwanow et al. <i>Conference on Lasers and Electro-Optics. (CLEO 2002): Technical Digest</i> . May 2002. |
|                     | AJ | "Design of an All-Optical Wavelength Router Based on Spatial Solitons," Chiaraluce et al. <i>Journal of Lightwave Technology</i> . Sept. 1999. Vol. 17, No. 9.                                 |
|                     | AK |  |
|                     | AL |  |
|                     | AM |  |

EXAMINER

DATE CONSIDERED

**EXAMINER:**

**Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**